AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended)   A method of storing channel information in a digital television receiver, comprising:

tuning to a selected physical channel;

reading program specific information on the selected physical channel;

determining whether the physical channel is PSIP compliant;

storing an attribute in a table, said attribute designating indication of whether the physical channel is a PSIP compliant channel;

if the selected physical channel is a PSIP compliant channel:

storing a TSID corresponding to the selected physical channel; and

storing a major channel corresponding to the selected physical channel.

2. (Currently Amended)   The method of claim 1, further comprising:

incrementing the physical channel;

tuning to the incremented physical channel;

reading program specific information on the incremented physical channel;

determining whether the incremented physical channel is PSIP compliant;

storing an attribute in a table, said attribute designating indication of whether the incremented physical channel is a PSIP compliant channel;

if the incremented physical channel is a compliant PSIP channel:

storing a TSID corresponding to the incremented physical channel; and

storing a major channel corresponding to the incremented physical channel.

3. (Original)   The method of claim 2, further comprising after the incrementing, determining if selected physical channel is a last physical channel, and if so, then stopping.

4. (Currently Amended)   The method of claim 1, wherein each storing act comprises storing the attribute in a lookup table reserved for storing the PSIP attribute for each channel.

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5. (Original)   The method of claim 4, wherein the lookup table is stored in a non-volatile memory device.

6. (Original)   The method of claim 1, wherein each storing act comprises storing in a separate one of three lookup tables.

7. (Original)   The method of claim 6, wherein the three lookup tables are stored in a non-volatile memory device.

8. (Currently Amended)   A method of autoprogramming channel information in a digital television receiver, comprising for each of a plurality of N physical channels:

       tuning to a selected physical channel;

       reading program specific information on the selected physical channel;

       determining whether the physical channel is PSIP compliant;

       storing an attribute in a table, said attribute designating indication of whether the physical channel is a PSIP compliant channel;

       if the selected physical channel is a compliant PSIP channel:

storing a TSID corresponding to the selected physical channel; and

storing a major channel corresponding to the selected physical channel.

9. (Original)   A method of storing channel information in a digital television receiver, comprising:

       tuning to a selected physical channel;

       reading program specific information on the selected physical channel;

       determining whether the physical channel is PSIP compliant;

       storing an attribute in a table, said attribute designating indication of whether the physical channel is a PSIP compliant channel;

       if the selected physical channel is a PSIP compliant channel:

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storing a TSID corresponding to the selected physical channel;

storing a major channel corresponding to the selected physical channel;

incrementing the physical channel;

tuning to the incremented physical channel;

reading program specific information on the incremented physical channel;

determining whether the incremented physical channel is PSIP compliant;

storing an attribute in a table, said attribute designating ~~indication of~~ whether the incremented physical channel is a PSIP compliant channel;

if the incremented physical channel is a compliant PSIP channel:

storing a TSID corresponding to the incremented physical channel; and

storing a major channel corresponding to the incremented physical channel.

10. (Original) The method of claim 9, further comprising after the incrementing, determining if selected physical channel is a last physical channel, and if so, then stopping.

11. (Currently Amended)   The method of claim 9, wherein each storing act comprises storing the attribute in a lookup table reserved for storing the PSIP attribute for each channel.

12. (Original) The method of claim 11, wherein the lookup table is stored in a non-volatile memory device.

13. (Original) The method of claim 9, wherein each storing act comprises storing in a separate one of three lookup tables.

14. (Original) The method of claim 13, wherein the three lookup tables are stored in a non-volatile memory device.

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